Video Camera Designed to Meet the Needs of Ophthalmic Surgery

MediLive® Trio Eye™ was designed to meet the exclusive requirements of ophthalmic surgery. The result is a high-quality, 3-chip video camera for your ZEISS surgical microscope that delivers video images high in resolution, contrast and detail.

The benefits are easy to see:

- During procedures on the posterior segment of the eye with low light, the camera produces bright, high-contrast images which can be viewed on the monitor.
- When the camera is used for the anterior segment, the video sequences provide details of the sclera without the "blooming" effect from excessive brightness.
- The result: perfect video images for presentations to colleagues or students.
- Preset configurations for the posterior and anterior segments of the eye enable the MediLive Trio Eye video camera to deliver brilliant images quickly and easily. This is particularly beneficial when surgeons switch between two areas of application.
- Individual settings can be saved and recalled anytime at the push of a button. Also the various camera configurations for halogen and Superlux® Eye xenon illumination can be saved. White balance thus becomes unnecessary when switching between the two types of illumination.
- A rotate function to invert video images is integrated into MediLive Trio Eye. This enables OR personnel or students to follow the procedure with a monitor image which is always in the correct orientation.

Combining the new MediLive Trio Eye video camera with the OPMI® VISU 210 surgical microscope, the Invertertube™ and the VISULAS 532s laser makes an ideal system for retinal surgery.

MEDIALINK 100

Efficient Image Data Management in Surgery

ZEISS

Technical Data

Storage formats
- Images: JPEG, TIFF
- Audio/video: mpg (program stream, MPEG2 MP@ML / MPEG1 Layer II)

Storage location
- USB mass storage device (USB MSD)
- Shared directory (network)

Video ports

In: 2x BNC, 2x S-Video, PAL/NTSC
Out: 1x BNC, 1x S-Video, PAL/NTSC
1x DVI-D Monitor

Audio ports

In: 1x 3.5 mm jack socket
Out: 1x 3.5 mm jack socket

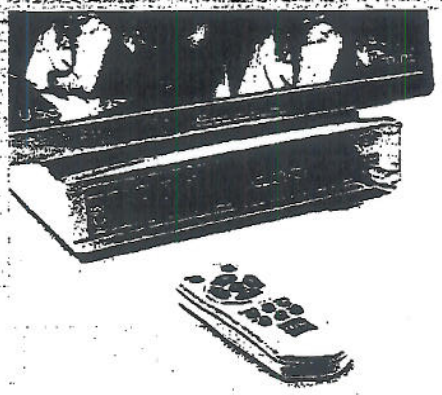
USB ports
- 1x USB 2.0 front, 2x USB back
- Integrated network connection LAN, RJ45 (10/100 Ethernet)

Internal loudspeaker

200 Hz – 16 KHz, 1W

Operation
- Front panel with membrane keys
- Remote control with hot keys for direct selection of the function
- Foot control panel with for single images or video recordings
- USB keyboard
- Handgrip motorized microscope (e.g., OPMI® Sensera® from Carl Zeiss) for single images or video recordings

Application images:
Prof. Dr. Sanna, Gruppo Otologico-Piacenza, Italien



Operating properties
- Display of instrument status
- Display of patient name and date

Housing dimensions

H 75 x W 320 x D 340 mm

Delivery package

MEDIALINK 100, remote control, USB stick, S-video cable

Optionally available

Foot switch, USB keyboard, S-video cable, BNC cable, DVI monitor cable, network cable, remote cable to control motorized microscopes

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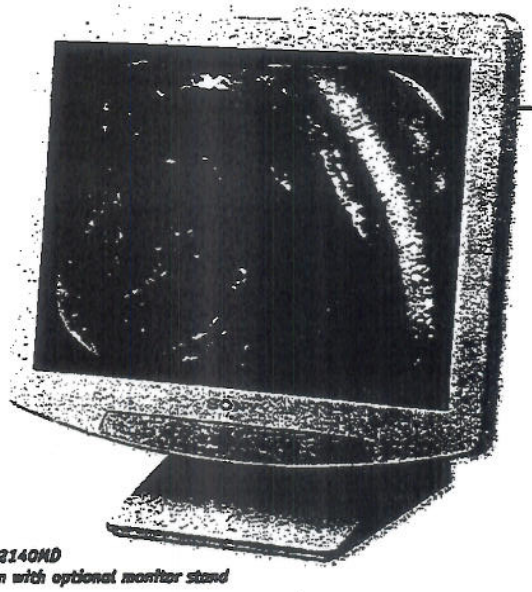
LMD-2140MD

LCD Monitor

The Sony LMD-2140MD is a medical-grade 21-inch*1 LCD monitor, optimized for video endoscopy applications.

The LMD-2140MD incorporates a superb-quality LCD panel that provides an extremely high level of brightness, contrast, and color depth. The use of Sony's original X-Algorithm*2 technology allows natural reproduction of video images, which is often difficult to achieve on typical LCD monitors. In addition, this monitor provides significant versatility with a variety of signal input capabilities for analog or digital, SD or HD, and DVI-D, as well as user-friendly operational conveniences, such as its User Memory functionality.

All of these features, together with a compact and light design, make the Sony LMD-2140MD the monitor of choice in video endoscopy cart installations.



LMD-2140MD
shown with optional monitor stand

- Excellent picture reproduction
- High clarity panel
- Versatile inputs
- Operational convenience
- Compact and lightweight
- VESA mounting on a cart, the wall or ceiling

*1 Viewable area measured diagonally

*2 X-Algorithm is used for 480/60i and 575/50i signals only